

SEQUENCE LISTING

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PREDDIE, ENRIQUE

<120> AGENTS FOR PRE-SYMPTOMATIC DETECTION AND THERAPEUTIC
TARGETING OF ALZHEIMERS'S DISEASE AND DOWN SYNDROME
IN HUMANS

<130> 161003-2000.1

<140> 10/700,922

<141> 2003-11-03

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<151> 1999-02-16

<150> PCT/EP97/04599

<151> 1997-08-22

<160> 38

<170> PatentIn version 3.3

<210> 1

<211> 240

<212> DNA

<213> Homo sapiens

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gtcatagcga cagtgatcgt catcaccttg gtgatgctga agaagaaaca gtacacatcc	180
attcatcatg gtgtggtgga ggtaggtaaa cttgactgca tgtttccaag tgggaattaa	240

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1 5 10 15	

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20 25 30
 Ile Gly Leu Met Val Gly Gly Val Val Ile Ala Thr Val Ile Val Ile
 35 40 45
 Thr Leu Val Met Leu Lys Lys Lys Gln Tyr Thr Ser Ile His His Gly
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 Val Val Glu Val Gly Lys Leu Asp Cys Met Phe Pro Ser Gly Asn
 65 70 75

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 Lys Leu Val Arg Lys Ile Ile Tyr Leu Phe Pro Leu Leu Phe Val Leu
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 Arg Lys Arg
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 Val Gly Lys Leu Asp Cys Met Phe Pro Ser Gly Asn
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<210> 6
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Asp Ser Trp Trp Ala Val Leu Ser
35 40

<210> 7
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Trp Tyr Val Lys
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<210> 8
<211> 18
<212> PRT
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Leu Ser

<210> 9
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tgtgggttca	aacaaaggtg	caatcattgg	actcatgggtg	ggcgggtgttg	tcatagcgac	180
agtgatcgtc	atcaccttgg	tgatgctgaa	gaagaaacag	tacacatcca	ttcatcatgg	240
tgtggtggag	gtaggtaaac	ttgactgcat	gtttccaagt	gggaattaag	actatgagag	300
aattaggctt	agctttttgc	taagaactag	ctaagtatct	cttttaaaaa	accaatcagt	360
gtgcttccat	gatgcttggg	ttacagttgt	tctttcttgt	tttggttttc	attcattgca	420
acttacgctg	aataattctgc	tcaaggtatt	gagagtgtgt	gttgttatct	taacttacia	480
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cctctttcca	ctactgtttg	tcttgccaaa	tgacctatta	actctgggttc	atcctgtgct	180
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ttataaatlc	tgttagttgc	taagaagcat	ttttaaaatt	atgtactata	gctctttatt	240
cagcagacga	accaattaca	atctgtgtaa	ctagaacact	tgatcaaaat	tatataattt	300
ttacaacgct	tactgcata	gatacatgaa	cataatttat	tttgaattgg	aacaaagccc	360
caaagtagca	gttttgttct	accaggtaat	taatgctcat	ttttaaaggc	ttttattatt	420
atttctgaag	taatgagtgc	acatggaaaa	agacacataa	taggctaaac	aataagcccg	480
taagccaagc	caacataattc	caggaacaaa	tccttgccaa	cctctcaacc	aggatttaac	540
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ctttcagggg	tcccttacct	tttcattttct	ttttgttcaa	aataggtagt	aattgaagggt	660
ttaaatatag	ggatatcattt	ttcttttaaga	gtcattttatc	aattttcttc	taacttcagg	720
cctagaaaga	agttttgggt	aggctttgtc	ttacagtgtt	attatttatg	agtaaaacta	780
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 <400> 17
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<210> 28
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<210> 29
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<210> 30
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<210> 31
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<210> 32

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<223> Description of Artificial Sequence: Synthetic primer

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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic primer

<400> 34

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<210> 35

<211> 23

<212> DNA

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<223> Description of Artificial Sequence: Synthetic primer

<400> 35

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<210> 36

<211> 18

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<400> 36

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Leu Ser

<210> 37
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 aattaagact atgagagaat taggcttagc tttttgctaa gaactagcta agtatctctt 240
 ttaaaaaacc aatcagtgtg cttccatgat gcttgggtta cagttgttct ttcttgtttt 300
 ggttttcatt cattgcaact taccgtgaat attctgctca aggtattgag agtgtgtgtt 360
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 tttaaaaaag cat 433

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 tctgcagaat tactatagca aaaagtaggt aacaagatat ctttttttct attgtttaac 240
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 gggcagagaa tatactgaaa ctttttatat aacctcatcc aaatgtcccc tgcatttaag 720
 aaatgaaatt cttctaattg cgtttataaa ttgtaaatta tattgcattt agaaattaa 780
 attctttttc ttaatttgtt ttcaagg 807